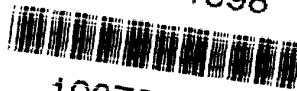


08-07-1998



SHEET  
S ONLY

TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS  
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS AND A COPY THEREOF.

100788370

7/27/98

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

Eisuke Sasaoka

2. Takatoshi Kato

4.  
6.  
8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED?  YES  NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: SUMITOMO ELECTRIC INDUSTRIES, LTD.

ADDRESS: 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi. Osaka 541-0041 Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED?  YES  NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

ASSIGNMENT OF  WHOLE  PART INTEREST

EXEC. DATE: 1) May 18, 1998  
2) May 19, 1998

CHANGE OF NAME  VERIFIED TRANSLATION  
 SECURITY  MERGER  OTHER:

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 1) May 18, 1998 and 2) May 19, 1998

4.5 APPL. NO.(S) OR PAT. NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached?  YES  NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 <sup>st</sup> INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 <sup>st</sup> INVENTOR if not in item 1
09/075,324	2254234				

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Madison & Sutro LLP  
Intellectual Property Group  
1100 NEW YORK AVENUE, N.W.  
NINTH FLOOR, EAST TOWER  
WASHINGTON, D.C. 20005-3918

6. NUMBER INVOLVED:  
APPLNS 1 + PATS 0 = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)  
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

PMS 254234	SEI 97-44 US	UNDER ORDER NO 7898	254234
MATTER NO.	CLIENT REF.	dup. sheet not required	CLIENT NO. MATTER NO.

9. STATEMENT AND SIGNATURE.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

09/075,324  
40-07581  
08/03/1998 L SHEET 2

Attorney: Glenn J. Perry

Reg. No. 28458

Date: July 27, 1998

Atty/Sec: GJP/mlm

TEL: (202) 861-3070

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

Please return signed/recorded to  
 Cushman Darby & Cushman  
 Intellectual Property Group of  
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 Ninth Floor, East Tower  
 1100 New York Avenue, N.W.  
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For inventions made outside USA  
 executed with or after application  
 Atty. Dkt

**USA Patent Appln.  
 Sole or Joint**

M# \_\_\_\_\_ Client Ref. \_\_\_\_\_

**NONPROVISIONAL**

**ASSIGNMENT  
 OF NONPROVISIONAL APPLICATION**

**NONPROVISIONAL**

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) <b>Eisuke SASAOKA</b>	(4)
	(2) <b>Takatoshi KATO</b>	(5)
	(3) _____	<input type="checkbox"/> x box if continued on page 2

INSERT  
 NAME(S) OF  
 ASSIGNEE(S)  
 & ADDRESS(ES)  
**Sumitomo Electric Industries, Ltd.**  
**5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan**

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patents, known as

TITLE OF INVENTION **OPTICAL TRANSMISSION LINE**

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → → (A)  even date herewith  
 (Complete) (B)  on \_\_\_\_\_  
 line A, B and/or C) (C)  in U.S. Appln. No. 091075, 324 filed **on May 11, 1998**

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Cushman Darby & Cushman Intellectual Property Group of Pillsbury Madison & Sutro, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS	DATE SIGNED	WITNESSES
1) <u>Eisuke Sasaoke</u> Name: <b>Eisuke SASAOKA</b>	<u>May 18, 1998</u>	<u>Hiroaki Sano</u>
2) <u>Takatoshi Kato</u> Name: <b>Takatoshi KATO</b>	<u>May 19, 1998</u>	<u>Hiroaki Sano</u>
3) _____ Name: _____	_____	_____
4) _____ Name: _____	_____	_____
5) _____ Name: _____	_____	_____